

# RBP1 (Human) Native Protein

Catalog # P9164      Size 1 mg

## Specification

<b>Product Description</b>	Human RBP1 native protein from urine from the patients with renal tubular proteinuria.
<b>Theoretical MW (kDa)</b>	21
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	From urine from the patients with renal tubular proteinuria
<b>Purity</b>	> 96% as determined by SDS-PAGE.
<b>Storage Buffer</b>	Lyophilized from a solution containing 20 mM NH <sub>4</sub> HCO <sub>3</sub> . Reconstitute the lyophilized powder in phosphate buffer containing 0.15 M NaCl.
<b>Storage Instruction</b>	Lyophilized protein at room temperature for 3 weeks, should be stored at 2-8°C.

## Applications

- SDS-PAGE

## Gene Info — RBP1

<b>Entrez GeneID</b>	<a href="#">5947</a>
<b>Protein Accession#</b>	<a href="#">P09455</a>
<b>Gene Name</b>	RBP1
<b>Gene Alias</b>	CRABP-I, CRBP, CRBP1, CRBPI, RBPC
<b>Gene Description</b>	retinol binding protein 1, cellular
<b>Omim ID</b>	<a href="#">180260</a>

**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

retinol-binding protein 1, cellular

**Disease**

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Retinal Dystrophies](#)
- [Retinitis Pigmentosa](#)